

# Atlas Copco Portable Air compressors

Portable, safe and ultra-reliable



**XAMS 496**  
**XAMS 546**  
**XATS 456**

Atlas Copco is the leading manufacturer of portable compressed air machines in the world. Used in a wide variety of industries, Atlas Copco has developed a set of machines that successfully walk the line between size, output and capacity.

This series of machines are perfect for jobs that require a high volume of air. Rock drilling is a business application that has seen strong growth recently, as more and more minerals are mined from the earth. This easy to operate and safe machines allow for a quick start-up in quarries and, ultimately, increase the productivity of the drillers.



  
جهان کمپرسور  
Jahan Compressor

**Atlas Copco**

## For sandblasting and rock drilling use

Total cost of ownership through lower fuel consumption and longer machine life are priorities for all our machines. First and foremost with the help of FuelXpert™ – the completely new and unique fuel saving system, that electronically regulates the engine speed and the air inlet valve to optimise fuel consumption.

Above all though, Atlas Copco compressors are built for reliability and simple easy maintenance, and many years of loyal and trouble free service.



## Technical Data

Type		XAMS 496	XAMS 546	XATS 456
Normal effective working pressure	bar(e)	8.6	8.6	10.3
	psi	125	125	149
Actual free air delivery*	l/sec	500	532	448
	cfm	1059	1127	949
	m <sup>3</sup> /min	30	31.9	26.9
Oil capacity compressor system	l	80	80	80
Content fuel tank (standard)	l	538	796	538
Air outlet valve		1x2 1/2"	1x2 1/2"	1x2 1/2"

### Engine Caterpillar

Type		C9 ACERT T3	C13 ACERT T3	C9 ACERT T3
Output	kW	224	318	224
Engine speed (nominal)	rpm	1800	1600	1800
Engine speed (unloaded)	rpm	1300	1200	1300

### Unit dimensions (overall)

Length (wagon, towbar raised)	m	4.9	4.9	4.9
Length (tandem)	m	5.65	5.65	5.65
Length (skid, support mounted)	m	4.05	4.05	4.05
Width	m	2.14	2.14	2.14
Height (wagon, tandem)	m	2.50	2.50	2.50
Height (support)	m	2.25	2.25	2.25
Height (skid)	m	2.41	2.41	2.41

### Weight (without fuel)

Wagon	kg	5610	6000	5610
Support mounted (option big fueltank)	kg	4965/5095	5470/5600	4965/5095
Skid (option big fueltank)	kg	5225/5355	5730/5860	5225/5355

### Sound level

Sound power level (LWA)**	dB(A)	100	100	100
Sound pressure level (LPA) at 7m acc. to ISO 2151	dB(A)	72	72	72

\*according to ISO1217 ed.3 1996 annex D

\*\*complies with 2000/14/EC, 84/533/ECC AND 85/406/EEC limits

### Features

- FuelXpert™ for optimised fuel consumption
- Wagon mounted
- Low noise output
- Large fuel tank capacity from 538 up to 708 litres
- Best for use in all weather conditions (-25°C to +50°C)
- Optimum mix between cooling air flow and size of coolers
- Cosmos™

### Advantages

- Operator and environmental safe
- Lowest total cost of ownership
- Best fuel consumption in class
- Portable and easy to transport
- Ideal for urban use
- Best fuel autonomy for complete working shift

**Atlas Copco**

Never use compressed air as breathing air without prior purification in accordance with local legislation and standards.



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